

Gravatt, Dan

From: Tapia, Cecilia
Sent: Friday, February 07, 2014 11:16 AM
To: Hammerschmidt, Ron; Hague, Mark; Field, Jeff; Gravatt, Dan; Brooks, Karl
Cc: Peterson, Mary; Whitley, Christopher; Sanders, LaTonya
Subject: Document referred to in news article - followup info
Attachments: westlake health-threat.pdf

From: Rodenbeck, Sven (ATSDR/DCHI/OD) [mailto:svr1@cdc.gov]
Sent: Friday, February 07, 2014 11:13 AM
To: Jordan-Izaguirr, Denise; Tapia, Cecilia; Cvs1@cdc.gov; Harman, Erin
Subject: RE: kid question

Hey Everyone!

I have just reviewed the ATSDR Records Room file for the Westlake Landfill. We do not have a copy of the attached document in our files.

The Westlake Landfill was proposed to the NPL in 1989. So it is unlikely that ATSDR had done any "health assessments" prior to that date. Our first ATSDR public health assessment was finalized in 1991.

Sorry!

Sven

Sven E. Rodenbeck, Sc.D., P.E., BCEE
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Machinators Vitae
(Engineering for Life)



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From: Jordan-Izaguirre, Denise (CDC epa.gov)
Sent: Friday, February 07, 2014 10:58 AM
To: Tapia, Cecilia; Rodenbeck, Sven (ATSDR/DCHI/OD); Smith, Casandra V. (ATSDR/DCHI/WB); Harman, Erin (CDC epa.gov)
Subject: Fw: kid question

Cecilia - I'm out of office so can't check our files. I've read attached document and here are my thoughts 1)Without letter head or signature line it's hard to say who wrote this; 2) It's dated 8/85 which is pre ATSDR; 3)The document states no chemical concentrations were reviewed (last sentence in first paragraph); 4) MDOH appears to have done private well sampling, cancer inquiry and possibly a 'health survey'; 5)Conclusions are not based on data concentration only MDNR reported chemical and Rad presence; and 6)this is a Draft document with only state agencies mentioned. Without signature, letterhead or author and pre-ATSDR (although there was a Superfund Implementation Group part of NCEH) I don't think this is ours. But 1985 predates me in ATSDR plus I didn't come to Reg 7 until 1992. Hopefully HQ can find this or I will look when I'm back Mon.

From: Tapia, Cecilia
Sent: Friday, February 07, 2014 9:18:25 AM
To: Jordan-Izaguirr, Denise
Cc: Gravatt, Dan; Field, Jeff; Hammerschmidt, Ron
Subject: FW: kid question

Denise, is this something that ATSDR produced or MDHSS ?

From: Peterson, Mary
Sent: Friday, February 07, 2014 9:16 AM
To: Tapia, Cecilia; Gravatt, Dan; Field, Jeff
Subject: FW: ksdk question

Attached is the memo that KSDK references in their report. Apparently, the inquiry came in late yesterday after Chris had left for the day.

Mary P. Peterson, Acting Deputy Director
Office of Public Affairs
EPA Region 7
11201 Renner Blvd.
Lenexa, KS 66219
913-551-7882 - desk
816-398-3945 - mobile

From: Whitley, Christopher
Sent: Friday, February 07, 2014 9:09 AM
To: Peterson, Mary; Thomas, Hattie
Subject: FW: ksdk question

She sent this at 4:59 p.m. I left the office yesterday at my usual time of 4 p.m.

From: Zigman, Leisa [<mailto:LZIGMAN@ksdk.com>]
Sent: Thursday, February 06, 2014 4:59 PM
To: Whitley, Christopher
Subject: FW: ksdk question

Hi Chris,

I sent this 1985 memo to DNR and asked the question below. I was told to ask EPA. Any thoughts?

From: Terlizzi, Gena [<mailto:Gena.Terlizzi@dnr.mo.gov>]

Sent: Thursday, February 06, 2014 4:55 PM

To: Zigman, Leisa

Subject: RE: ksdk question

Hi Leisa,

For information on work completed at Westlake Landfill over that timeframe, I'd recommend reaching out to the EPA, as they are the oversight authority for West Lake Landfill.

Gena

Gena Terlizzi

Communications Director

Missouri Department of Natural Resources

Ph: (573) 751-1010

From: Zigman, Leisa [<mailto:LZIGMAN@ksdk.com>]

Sent: Thursday, February 06, 2014 3:36 PM

To: Terlizzi, Gena

Subject: ksdk question

Hi Gena,

Did something happen from the 80's to now to show that the threat to public health at the Westlake landfill was diminished? I ask based of this memo. (deadline for six)

Thanks!

Leisa Zigman

Five on Your Side

KSDK-TV

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HEALTH ASSESSMENT

(Westlake Landfill)

DRAFT

The Westlake Landfill site, located near Bridgeton, St. Louis County Missouri, has been found to be contaminated with 4000 tons of chlordane, trichloroethylene and toluene, and 7,000 tons of low level uranium ore wastes. Missouri Department of Natural Resources personnel have characterized the site containment and diversion system as leaking and unsound. Information supplied did not contain concentrations of contaminants.

Chlordane is a broad spectrum insecticide that has been observed to cause the following symptoms: blurred vision, confusion, ataxia, delirium, coughing, abdominal pain, nausea, vomiting, diarrhea, irritability, tremors, convulsions, anuria, and cancer in laboratory animals. It attacks the central nervous system, eyes, lungs, liver, kidneys, and skin. TCE or trichloroethylene is an animal carcinogen and is also capable of causing the following symptoms: irritation of the eyes, nose and throat; dermatitis; headache, dizziness, vertigo, tremors, nausea and vomiting, irregular heartbeat, sleepiness, fatigue, blurred vision, unconsciousness, and death. Damage occurs to the respiratory system, heart liver, kidneys, and central nervous system. Toluene has been observed to cause irritation of the eyes, respiratory tract, and skin; dermatitis, headache, dizziness, fatigue, muscular weakness, drowsiness, incoordination, staggering gait, skin paresthesia, collapse and coma.

Uranium is reported to cause adverse health effects in two ways: toxic chemical effects including damage to the kidney and liver, pneumoconiosis, pronounced changes in the blood and generalized injury; and radiation effects including lung cancer, osteosarcoma, and lymphoma.

Analysis of the rates of fetal death, low birth weight, and malformations for 1972-1982 showed no rate significantly higher than the state average.

A well survey and water sampling has been completed and an exposure questionnaire is at present being administered to selected residents surrounding the site in conjunction with a survey of all hazardous waste sites in the State by the Missouri Department of Health, Bureau of Environmental Epidemiology. This investigation has yielded the following information concerning Westlake Landfill:

There are only four wells still in use in the area that are down gradient from the site. One is used only occasionally and one is not used for potable water at all. None of the wells sampled had detectable amounts of any of the chemicals disposed of at the site. None of the residents questioned so far appeared to have any adverse health effects caused by materials disposed of at the site.

Based on available information, a health threat exists due to the toxic effects of chemicals and low level uranium wastes buried at the site and the possibility that off site migration of the materials might occur because of the unsound condition of the site. While there is no evidence of past or present exposure, a potential does exist for future exposure based on the possibility that off site migration may occur. Sampling and corrective containment and diversion should continue at this site until risk to the public health can more accurately be determined.

8/85

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| Site: West Lake GU |
| ID # MB007990932 |
| Break: 17.8 |
| Other: 8-7-85 |
| perm |

DNR 0245